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(54) **Human cell line and triomas, antibodies, and transformants derived therefrom.**

(57) A stable, continuous human cell line or progeny thereof is produced that is resistant to 6-thioguanine and ouabain, secretes less than 40 ng/ml of endogenous IgM antibodies, and grows with a doubling time of about 18 hours. The cell line, which preferably is adapted to serum-free medium, may be used as a fusion partner with an antibody-producing cell line so as to generate antibodies. In addition, it may be electroporated with a vector containing a gene of interest to produce a transformed cell line which generates a protein encoded by the gene, such as an IgG or IgM antibody.

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. 2)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
D, X	<u>US - A - 4 624 921</u> (LARRICK et al.) * Claims * --	1, 2, 6, 8, 9	C 12 N 5/00 C 12 N 15/00 C 12 P 21/00 (C 12 P 21/00 C 12 R 1:91)
D, X	<u>EP - A2 - 0 062 409</u> (THE REGENTS OF THE UNIVERSITY OF CALIFORNIA) * Claims 1,2; page 3 * --	1, 3	
X	<u>EP - A2 - 0 157 574</u> (THE GREEN GROSS CORPORATION) * Claims 1-6 * --	1	
A	<u>EP - A2 - 0 093 436</u> (BOEHRINGER MANNHEIM GMBH) * Claims 1,6 * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 2)
			C 12 N C 12 P
The present search report has been drawn up for all claims			
Place of search VIENNA	Date of completion of the search 05-10-1989	Examiner WOLF	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			